NON-HUMAN GENETICALLY MODIFIED MAMMAL LACKING THE ALPHA-FETOPROTEIN Gabant, et al. pl. No.: 10/031,021 Atty Docket: VANM243.

7/7

Afp Genetic Sequence

tcccacttcc agcactgcct gcggtgaagg aacaagcagc catgaagtgg atcacacccg cttccctcat cctcctgcta catttcgctg cgtccaaagc attgcacgaa aatgagtttg ggatagette caegttagat teeteecagt gegtgaegga gaagaatgtg ettageatag ctaccatcac ctttacccag tttgttccgg aagccaccga ggaggaagtg aacaaaatga ctagcgatgt gttggctgca atgaagaaaa actctggcga tgggtgttta gaaagccagc tatctgtgtt tctggatgaa atttgccatg agacggaact ctctaacaag tatggactct caggetgetg cagecaaagt ggagtggaaa gacateagtg tetgetggea egcaagaaga ctgetcegge ctetgtecea ceettecagt ttecagaace tgecgagagt tgeaaageae atgaagaaaa cagggcagtg ttcatgaaca ggttcatcta tgaagtgtca aggaggaacc cetteatgta tgecceagee attetgteet tggetgetea gtacgacaag gtegttetgg catgctgcaa agctgacaac aaggaggagt gcttccagac aaagagagca tccattgcaa aggaattaag agaaggaagc atgttaaatg agcatgtatg ttcagtgata agaaaatttg gatecegaaa eetecaggea acaaceatta ttaagetaag teaaaagtta aetgaageaa attttactga gattcagaag ctggccctgg atgtggctca catccacgag gagtgttgcc aaggaaactc gctggagtgt ctgcaggatg gggaaaaagt catgacatat atatgttctc aacaaaatat totgtcaago aaaatagoag agtgotgoaa attaccoatg atccaactag gcttctgcat aattcacgca gagaatggcg tcaaacctga aggcttatct ctaaatccaa gccagttttt gggagacaga aattttgccc aattttcttc agaggaaaaa atcatgttca tggcaagett tetteatgaa taeteaagaa eteaeceeaa eetteetgte teagteatte taagaattgc taaaacgtac caggaaatat tggagaagtg ttcccagtct ggaaatctac ctggatgtca ggacaatctg gaagaagaat tgcagaaaca catcgaggag agccaggcac tgtccaagca aagctgcgct ctctaccaga ccttaggaga ctacaaatta caaaatctgt teettattgg ttacaegagg aaageeette agetgaeete ageagagetg ategaeetea ccgggaagat ggtgagcatt gcctccacgt gctgccagct cagcgaggag aaatggtccg gctgtggtga gggaatggcc gacattttca ttggacattt gtgtataagg aatgaagcaa gccctgtgaa ctctggtatc agccactgct gcaactcttc gtattccaac aggaggctat gcatcaccag ttttctgagg gatgaaacct atgcccctcc cccattctct gaggataaat tcatcttcca caaggatctg tgccaagctc agggcaaagc cctacagacc atgaaacaag agetteteat taacetggtg aageaaaage etgaactgae agaggageag etggeggetg tcactgcaga tttctcgggc cttttggaga agtgctgcaa agcccaggac caggaagtct gtttcacaga agagggtcca aagttgattt ccaaaactcg tgatgctttg ggcgtttaaa catctccaga aggaagagtg gacaaaaaaa tgtgttgacg ctttggtgtg agccttttgg cttaactgta actgctagta ctttaaccac atggtgaaga tgtccatgtg agatttctat accttaggaa taaaaacttt tcaactatt (SEQ ID NO: 7)

MKWITPASLILLLHFAASKALHENEFGIASTLDSSQCVTEKNVLSIATITFTQFVPEATEEEVNKMTSDVLAAMKKNSGD GCLESQLSVFLDEICHETELSNKYGLSGCCSQSGVERHQCLLARKKTAPASVPPFQFPEPAESCKAHEENRAVFMNRFIY EVSRRNPFMYAPAILSLAAQYDKVVLACCKADNKEECFQTKRASIAKELREGSMLNEHVCSVIRKFGSRNLQATTIIKLS QKLTEANFTEIQKLALDVAHIHEECCQGNSLECLQDGEKVMTYICSQQNILSSKIAECCKLPMIQLGFCIIHAENGVKPE GLSLNPSQFLGDRNFAQFSSEEKIMFMASFLHEYSRTHPNLPVSVILRIAKTYQEILEKCSQSGNLPGCQDNLEEELQKH IEESQALSKQSCALYQTLGDYKLQNLFLIGYTRKAPQLTSAELIDLTGKMVSIASTCCQLSEEKWSGCGEGMADIFIGHL CIRNEASPVNSGISHCCNSSYSNRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQGKALQTMKQELLINLVKQKPELT EEQLAAVTADFSGLLEKCCKAQDQEVCFTEEGPKLISKTRDALGV

(SEQ ID NO: 8)